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Substitute for Forth 14	49A & BFIO			Application Number	Unassigned 154051		
INFO	RMATION	DISCLOS	SURE	Confirmation Number	Unassigned		
STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	June 23, 2005		
				First Named Inventor	Takenori OSADA		
				Art Unit	Unassigned 2926		
,				Examiner Name	Unassigned Edvardo Rodela		
Sheet	1	of	1	Attorney Docket Number	Q88662		

			U.S.	PATENT DOCUM	ENTS
		Document Number			
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Fo	reign Patent Docum	ent Publication Date		· Name of Patentee or	T-veletien ⁶	
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶	
ER		JP	06-84959	Α	03-25-1994	Fujitsu Ltd.		
ER		JР	06-163599	Α	06-10-1994	NEC Corp.		
ER		JР	2001-210819	Α	08-03-2001	Hitachi Cable, Ltd.		
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation
ER		U. Strauβe et al., "Carrier mobilities in graded In _x Ga ₁ As/Al _{0.2} Ga _{0.8} As quantum wells for high electron mobility transistors", <i>Journal of Applied Physics</i> , Vol. 80, No. 1, July 1, 1996, pp. 322-325.	
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Examiner Signature	/Eduardo Rodela/	Ear	Date Considered	05/05/2006
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 144	O A & P/PTO		Complete if Known		
Substitute for Form 144	7 A & BFIU		Application Number	10/540,513	
INFO	RMATION I	ISCLOSURE PE	Confirmation Number	Unassigned	
STAT	EMENT BY	APPLICANT 4	Filing Date	June 23, 2005	
<u> </u>		7	First Named Inventor	Takenori OSADA	
luse	e as many sheets	as necessary) OCT 2 4 2005	Art Unit	Unassigned 28240	
,		13	Examiner Name	Unassigned Eduarde Rodela	
Sheet	1	of the	Attorney Docket Number	Q88662	

	U.S. PATENT DOCUMENTS								
C	Cita	Document	Document Number						
Examiner Initials*	Cite No.1	Number	Kind Code ¹ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document				
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Examiner Cite		Fo	reign Patent Docum	ient	Publication Date	Name of Patentee or	T6
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
ER		JР	6-84959	Α	03-25-1994	Fujitsu Ltd.	Abstract
ER		JP	6-163599	Α	06-10-1994	NEC Corp.	Abstract
ER		JР	2001-210819	Α	08-03-2001	Hitachi Cable Ltd.	Abstract
ER		JР	6-21106	Α	01-28-1994	Hitachi Cable, Ltd.	Abstract
ER		ЛР	2708863	B2	10-17-1997	Sanyo Electric Co., Ltd.	Abstract

U. Strauss et al., "Carrier mobilities in graded In _x Ga _{1.x} As/Al _{0.2} Ga _{0.8} As quantum wells for high electron mobility transistors", J. Appl. Phys., Vol. 80, No. 1, July 1, 1996, pp. 322-325 J.W. Matthews et al., "Defects in Epitaxial Multilayers", Journal of Crystal Growth, Vol. 27, 1974, pp. 118-125 J.W. Matthews et al., "Defects in Epitaxial Multilayers", Journal of Crystal Growth, Vol. 32,	e (when appropriate), title of the item (book, magazine, nber(s), publisher, city, and/or country where published.	Cite No.1	Translatio
J.W. Matthews et al., "Defects in Epitaxial Multilayers", Journal of Crystal Growth, Vol. 32,	No. 1, July 1, 1996, pp. 322-325		
J.W. Matthews et al., "Defects in Epitaxial Multilayers", Journal of Crystal Growth, Vol. 32,			
ER No. 2, 1976, pp. 265-273	", Journal of Crystal Growth, Vol. 32,		

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Examiner Signature	/Eduardo Rodela/	EUR	Date Considered	05/05/2006

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Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO	Complete if Known		
	Application Number	10/540,513	
INFORMATION DISCLOSURE 400	Confirmation Number	Unassigned	
STATEMENT BY APPLICANT	helling Date	June 23, 2005	
2005	First Named Inventor	Takenori OSADA	
(use as many sheets as necessary) DEC 2 1 2005	Art Unit	Unassigned 2826	
, Dear 1988	Examiner Name	Unassigned Eduardo Rodela	
Sheet 1 of I	Attorney Docket Number	Q88662	

	U.S. PATENT DOCUMENTS								
F 4 C'4		Document	Number	Publication Date					
Examiner Initials*	Cite No. ¹	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document				
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FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date	Name of Patentee or				
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation*			
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No.1	ite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where publisher				
	Yohei Otoki, "Compound Semiconductor Materials for Electronic Devices", The Semiconductor Industry News Forum: "Compound Semiconductor, Materials Head into Mass Production Stages @", June 5, 2002, pp. 1, 7-8, with English Abstract				
					
	NO.	Yohei Otoki, "Compound Semiconductor Materials for Electronic Devices", The Semiconductor Industry News Forum: "Compound Semiconductor, Materials Head into Mass Production			

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.	/Eduardo Rodela/	EAIL	Date Considered	05/05/2006
Examiner Signature			Date Considered	

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